CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

STATE New Hampshire FIELD OFFICE	All DATE July 2002
PRACTICE: 600 - Terraces	NOTES: These effects do not consider short term soil
	damage from construction activities
RESOURCE: SOIL	
RESOURCE CONCERN: EROSION	
RESOURCE INDICATORS	PHYSICAL EFFECTS
SHEET AND RILL	moderate reduction in sheet and rill erosion
WIND	insignificant
EPHEMERAL GULLY	significant reduction in ephemeral gully erosion
CLASSIC GULLY	significant reduction in classic gully erosion
STREAMBANK	significant reduction in streambank erosion
IRRIGATION INDUCED	insignificant
SOIL MASS MOVEMENT	slight increase in mass movement of soil
ROADBANK/CONSTRUCTION	insignificant
OTHER	
RESOURCE CONCERN: SOIL CONDITION	
SOIL TILTH	insignificant
SOIL COMPACTION	insignificant
SOIL CONTAMINATION	
• SALTS	slight reduction in soil salinity
• ORGANICS	insignificant
FERTILIZERS	insignificant
• PESTICIDES	insignificant
OTHER	
DEPOSITION/DAMAGE	
• ONSITE	significant reduction/onsite deposition damage
• OFFSITE	significant decrease/offsite deposition damage
DEPOSITION/SAFETY	
ONSITE	significantly improve onsite safety/deposition
OFFSITE OTHER	sign. improve offsite safety hazard/deposition
RESOURCE: WATER	
RESOURCE CONCERN: WATER QUANTITY	
SEEPS	moderate increase in seepage hazard
RUNOFF/FLOODING	sign. decrease in runoff/flooding
EXCESS SUBSURFACE WATER	moderate increase in excess subsurface water
INADEQUATE OUTLETS	significant improvement in H20 outlet concern
WATER MGT. IRRIGATION	N/A
SURFACE GDDD WW ED	N/A
SPRINKLER WATER MOT NON IRRIGATED.	insignificant
WATER MGT. NON-IRRIGATED	significant improvement in moisture use
RESTRICTED FLOW CAPACITY (drainage)	1
ONSITE OFFSITE	moderate improvement in surface drainage
OFFSITE DESTRUCTED STOPAGE	moderate improvement in surface drainage
RESTRICTED STORAGE	sign. reduction in sedimentation of H20 storage
OTHER	

RESOURCE: WATER RESOURCE CONCERN: WATER QUALITY		
RESOURCE CONCERN: WATER	PHYSICAL EFFECTS	
GROUNDWATER CONTAMINANTS		
PESTICIDES	slight potential increase/GWater contam./pesticide	
NUTRIENTS AND ORGANICS	slight poten. increase in GWater contam./nutr,org.	
• SALINITY	insignificant	
HEAVY METALS	insignificant	
• PATHOGENS	insignificant	
• OTHER		
SURFACE WATER CONTAMINANTS		
PESTICIDES	moderate reduction in SWater contam./pesticides	
NUTRIENTS AND ORGANICS	moderate reduction in SWater contam./nutri.,organ.	
SUSPENDED SEDIMENTS	sign. reduction in SWater contam./susp. sedi.	
LOW DISSOLVED OXYGEN	insignificant	
• SALINITY	insignificant	
HEAVY METALS	insignificant	
WATER TEMPERATURE	insignificant	
• PATHOGENS	N/A	
AQUATIC HABITAT SUITABILITY	moderate inprovement in Aqua. Hab. Suit.	
OTHER	1	
RESOURCE: AIR RESOURCE CONCERN: AIR QUALIT AIRBORNE SEDIMENT AND SMOKE	Y	
PARTICLES		
 ONSITE SAFETY 	N/A	
OFFSITE SAFETY	N/A	
ONSITE STRUCT. PROBLEMS	N/A	
 OFFSITE STRUCT. PROBLEMS 	N/A	
 ONSITE HEALTH 	N/A	
 OFFSITE HEALTH 	N/A	
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	N/A	
AIRBORNE CHEMICAL DRIFT	N/A	
AIRBORNE ODORS	N/A	
FUNGI, MOLDS, AND POLLEN	N/A	
OTHER		
RESOURCE CONCERN: AIR CONDITION		
AIR TEMPERATURE	N/A	
AIR MOVEMENT (windbreak effect)	N/A	
HUMIDITY	N/A	

RESOURCE: PLANT	
RESOURCE CONCERN: SUITABILIT	<u>Y</u>
RESOURCE	PHYSICAL EFFECTS
SITE ADAPTATION	insignificant
PLANT USE	insignificant
OTHER	
RESOURCE CONCERN: CONDITION	
PRODUCTIVITY	moder. improvement in plant cond./ productivity
HEALTH, VIGOR, SURVIVAL	moder. improvement in plant health, vigor, survival
OTHER	
RESOURCE CONCERN: MANAGEM	ENT
ESTAB., GROWTH, HARVEST	slight improvement in plant estab.,growth,harvest
NUTRIENT MANAGEMENT	insignificant
PESTS	insignificant
THREAT/ENDANGERED PLANTS	N/A
OTHER	
RESOURCE: ANIMAL	
RESOURCE CONCERN: HABITAT	
FOOD	insignficant
COVER/SHELTER	insignificant
WATER (QUANTITY & QUALITY)	insignificant
OTHER	
RESOURCE CONCERN: MANAGEMI	ENT
POPULATION BALANCE	insignificant
THREAT/ENDANGERED ANIMALS	insignificant
HEALTH	insignificant
OTHER	
RESOURCE: HUMAN	
RESOURCE CONCERNS: ECONOMI	C CONSIDERATIONS
PLAN / COST EFFECTIVENESS	moderately cost effective
CLIENT FINANCIAL CONDITION	moderately cost effective
MARKETS FOR PRODUCTS	N/A
AVAILABLE LABOR	slight increase in labor requirement
AVAILABLE EQUIPMENT	insignificant

RESOURCE: HUMAN		
RESOURCE CONCERN: SOCIAL CONSIDERATIONS		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
PUBLIC HEALTH AND SAFETY	insignificant	
PRIVATE/PUBLIC VALUES	insignificant	
CLIENT CHARACTERISTICS	N/A	
RISK TOLERANCE	N/A	
TENURE	N/A	
OTHER		
RESOURCE CONCERN: CULTURAL CONSIDERATIONS		
ABSENCE/PRESENCE OF CULTURAL RESOURCES	situational regarding cultural resources	
SIGNIFICANCE OF CULTURAL RESOURCES	situational regarding cultural resources	
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	situational regarding cultural resources	
OTHER		